

INTERNATIONAL SEARCH REPORT

PCT/EP2004/053280

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/60 C07D211/34 C07D405/12 C07D401/12 A61K31/445
A61P3/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/081460 A (VIELLEVOYE MARCEL ;MEERPOEL LIEVEN (BE); JANSSEN PHARMACEUTICA NV) 17 October 2002 (2002-10-17) claim 1; example 44	1-10
Y	WO 03/048121 A (DAUGAN ALAIN CLAUDE-MARIE ;DODIC NERINA (FR); GLAXO GROUP LTD (GB)) 12 June 2003 (2003-06-12) page 9, lines 1-4; claim 1	1-10
Y	WO 01/96327 A (DODIC NERINA ;GLAXO GROUP LTD (GB)) 20 December 2001 (2001-12-20) claim 1; examples 2-6	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

23 August 2005

Date of mailing of the international search report

02.09.2005

Name and mailing address of the ISA

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Grassi, D

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,2,7-10(all part)

Compounds according to claim 1 in which n is 0 (the group of compounds is not unitary, could however be searched without extra effort).

2. claims: 1(part),2(part),3-6;7-10(part)

Compounds according to claim 1 in which n is 1.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02081460	A	17-10-2002	BG 108219 A	30-09-2004
			BR 0208688 A	09-03-2004
			CA 2441398 A1	17-10-2002
			CN 1500085 A	26-05-2004
			CZ 20032640 A3	16-06-2004
			EE 200300488 A	15-12-2003
			WO 02081460 A1	17-10-2002
			EP 1379515 A1	14-01-2004
			HU 0303736 A2	01-03-2004
			JP 2004525176 T	19-08-2004
			MX PA03009089 A	12-02-2004
			NO 20034474 A	04-12-2003
			NZ 528445 A	26-03-2004
			PL 363805 A1	29-11-2004
			SK 12152003 A3	03-08-2004
			ZA 200307714 A	03-01-2005
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WO 03048121	A	12-06-2003	AU 2002358076 A1	17-06-2003
			WO 03048121 A1	12-06-2003
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WO 0196327	A	20-12-2001	AU 8179801 A	24-12-2001
			WO 0196327 A1	20-12-2001
			EP 1289982 A1	12-03-2003
			JP 2004503549 T	05-02-2004
			US 2004009988 A1	15-01-2004
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